

**ABSTRACT OF THE DISCLOSURE**

An optical waveguiding optical format enables consistent optical analysis of small sample volumes. The optical format is comprised of an illumination light guide, a read window upon which a sample is placed, a sample collection needle or capillary, and a detection guide. Light redirecting facets are provided within the format itself such that the format serves as a unitary component for accepting light, directing light through a sample, and emitting light for detection.

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